adani

Ref No: GIAL/CAO/F-22/29/2026-27 Date:22/09/2026

To,

The Member Secretary,
Pollution Control Board Assam
Bamunimaidam, Guwahati – 781021

Subject: Submission of Environmental Statement for the financial year ending 31st March 2026 for "Lokpriya Gopinath Bordoloi International Airport" Guwahati by M/s Guwahati International Airport Limited (GIAL).

Ref: Consolidated Consent to Operate and Authorization (CCA) vide letter no. PCBA/CCA/2026/4440648 dated 18th May 2026.

Consolidated Consent to Operate and Authorization (CCA) vide letter no. PCBA/CCA/2026/4361012 dated 8th May 2026.

Consolidated Consent to Operate and Authorization (CCA) vide letter no. PCBA/CCA/2026/4230152 dated 17th June 2026.

Consolidated Consent to Operate and Authorization (CCA) vide letter no. WB/GUW/T-4392/21-22/42/3882 dated 21st March 2024.

Dear Sir,

With reference to the above-mentioned subject and reference, please find enclosed Environmental Statement in Form V prescribed under Rule 14 of the Environment (Protection) Rules 1986, for "Lokapriya Gopinath Bordoloi International Airport" Guwahati for the financial year 2025-2026 ending on March 31st, 2026.

Please find the enclosed statement for your review and consideration.

Thanking you,

Yours Sincerely,

GUWAHATI INTERNATIONAL AIRPORT LIMITED * GIAL * Guwahati- 781015

RECEIVED
13/10/26
Assam Pollution Control Board
Bamunimaidam, Guwahati-21

Rahul Bhatkoti
Chief Airport Officer
Guwahati International Airport Limited
LGBI Airport, Guwahati

Copy to: Regional Officer, Regional Office, Pollution Control Board Assam.

Guwahati International Airport Limited
Lokpriya Gopinath Bordoloi International Airport
Borjhar, Guwahati
Kamrup, Assam 781 015
Ph: +91 361 284 0009
www.adani.com/lgbia-guwahati-airport

Environment Statement for 2025-26 for M/s Guwahati International Airport Ltd.

FORM V
(See Rule 14)

Environmental Statement for the period from 1st April 2025 to 31st March 2026

PART – A

(i)	Name and address of the Owner/ Occupier of the Industry Operation or Process	:	Rahul Bhatkoti Chief Airport Officer **LGBI AIRPORT GUWAHATI (GIAL) - Terminal 1** CTO no – PCBA/CCA/2026/4440648 **Guwahati International Airport Limited - NITB** CTO no - PCBA/CCA/2026/4361012 **Guwahati International Airport Limited** CTO no – PCBA/CCA/2026/4230152 Asset Purchase Agreement –17/03/2025 **Guwahati International Airport Limited** CTO no - WB/GUW/T-4392/21-22/42/3882 Asset Purchase Agreement – 26/12/2024 Lokapriya Gopinath Bordoloi International Airport Borjhar, Guwahati Kamrup, Assam 781017
(ii)	Industry Category Primary (STC Code) Secondary (STC Code)	:	Terminal Building in Orange Category Fuel Farm in Red Category NA NA
(iii)	Production Capacity	:	No production as Airport is Service industry.
(iv)	Year of Establishment	:	Commercial Date of Operation (COD): 8th Oct 2021
(v)	Date of last Environment Statement submitted	:	24th Sept 2025

Environment Statement for 2025-26 for M/s Guwahati International Airport Ltd.

PART – B

Water and Raw Material Consumption

(i) Water Consumption*

Water Consumption Cu. Mtr./Day	254.7 m3/day
Process	Nil
Domestic & cooling	254.7 m3/day

Details	Process Water Consumption per unit of products	
	During the current financial year	During the current financial year
Water consumption per Passenger Handled*	NA	NA

* GIAL does not carry out any manufacturing process. The water consumed was mainly in Domestic Purpose & Horticulture etc.

(ii) Raw Material Consumption

Name of Raw Material	Name of Products	Consumption of Raw Material per Unit of output	
		During the current financial year	During the current financial year
Not applicable	Not applicable	Not applicable	Not applicable

* GIAL being an Airport Operator does not undergo any manufacturing or production.
* The water consumed was mainly for Domestic Purpose & Horticulture etc.

Environment Statement for 2025-26 for M/s Guwahati International Airport Ltd.

PART – C

Pollutants discharged to Environment/Unit of Output
(Parameters as specified in consent issued)

Pollutants	Quantity of pollutants discharged (Mass/day)		Concentrations of pollutants in discharges		Percentage of variation from prescribed standards with reasons
(a) Waste Water	**Parameters**	**Avg. Mass Kg/Day**	**Parameters**	**Avg.**	STP of 100 KLD (MBBR) at Terminal 1 & STP of 1000 KLD (MBR) is operational at NITB. The treated wastewater generated from the STP is utilized for horticulture and cleaning within Airport premises. The Environment Monitoring report for STP Treated Waste Water is attached as **Annexure 1.**
	pH	--	pH	--	
	Total Suspended Solids	--	Total Suspended Solids (mg/l)	---	
	BOD (5 Days @ 20 °C)	--	BOD (5 Days @ 20°C) (mg/l)	---	
	Oil & Grease	--	Oil & Grease (mg/l)	---	
	COD	--	COD (mg/l)	---	
(b) Air	**Parameters**	**Avg. Mass Kg/Day**	**Parameters**	**Avg.**	1. DG Sets are provided as standby power sources and used during power failure. 2. The Height of DG Stacks as per CPCB Standards. All the Monitored parameters are within Standards. 3. Particulate matters value within the prescribed limits stipulated by concerned regulatory authorities. 4. As a part of the Environment Monitoring program, DG set flue gas monitoring is being carried out half yearly. 5. The Analysis of the D.G Set Stack Monitoring has been carried out in FY25-26. DG Sets Stack Emission Results are enclosed as ***Annexure-2.*** There is no variation from prescribed standards in terms of Air quality.
	Particulate Matter (PM)	--	Particulate Matter (mg/Nm3)	--	
	Sulphur Dioxide (SO_2)	--	Sulphur Dioxide (PPM)	--	
	Nitrogen Oxide (NO_x)	--	Nitrogen Oxide (NO_x) (PPM)	--	

Environment Statement for 2025-26 for M/s Guwahati International Airport Ltd.

PART – D

Hazardous Wastes
(As specified under Hazardous & Other waste Wastes Management 2016)

Hazardous Wastes	Total Quantity (MT)	
	During the last financial year (2024-25)	During the current financial year (April 2025 to March 2026)
(a) From Process	1. Cat. 5.1- Used /Spent Oil – NIL 2. Cat. I-33.1- Empty barrels-NIL Cat I-33.2 Contaminated cotton rags or other cleaning materials- 0 Nos	1 Cat. 5.1- Used /Spent Oil – 1670 Liters. Form 10 is attached as ***Annexure 3***. 2 Cat. I-33.1- Empty barrels-NIL Cat I-33.2 Contaminated cotton rags or other cleaning materials- 0 Nos
From Pollution Control facilities	Not applicable	Not applicable

PART – E

Solid Waste

Solid Waste	Total Quantity Generated (MT/Annum)	
	During the current financial year (2024-25)	During the current financial year (2025-26)
(a) From Process	Refer ***Annexure – 4***	Refer ***Annexure – 5***
(b) From Pollution Control facilities	Not applicable	Not applicable

Environment Statement for 2025-26 for M/s Guwahati International Airport Ltd.

PART-F

Please specify the characterization (in terms of Composition and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:

- As a part of GIAL operation, an effective Solid Waste Management plan has been implemented at site, which includes:
  - ✓ Collection & Segregation of waste from the source,
  - ✓ Providing separate waste bins at all the locations including Airside, Landside & within the Terminals
  - ✓ Well demarcated four waste collection points near the terminals, where the segregated waste is collected and from there, shifted to Waste yard situated at back end of the Airport.
  - ✓ Waste Yard with proper spacing has been provided for further segregation of Mixed Waste.
  - ✓ All the waste after proper segregation is being sent to the recognized agency Sharda enterprise for further handling and disposal.
  - ✓ Organic Waste Composter is being installed to convert the food waste into manure.
  - ✓ GIAL has been recognized to be Zero waste to landfill airport FY26 from CII.
  - ✓ Hazardous Waste at GIAL is being managed in line to the Hazardous Waste Management Rules 2016.

- Guwahati International Airport Ltd has achieved Zero Waste to Landfill Zero Waste to Landfill (ZWL) Platinum – Class I Rating. GIAL has not only focused on waste diversion from landfill, but also by consistently embedding the 5R principles—Reduce, Reuse, Repurpose, Recycle, and Recover—throughout every aspect of its operations.

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

Energy Savings:

- Installed a 300 kW solar power plant for captive consumption, promoting the use of renewable energy and contributing to a reduction in carbon emissions.

- Procured 24 electric vehicles (EVs) and 4 electric two-wheelers to date. This transition supports the reduction of Scope 1 greenhouse gas emissions and contributes towards achieving Airport Carbon Accreditation (ACA) Level 5 and the Airport's Net Zero goals.

- Replaced conventional lighting systems with energy-efficient LED lights across all feasible locations within the GIAL premises, resulting in significant energy savings.

Environment Statement for 2025-26 for M/s Guwahati International Airport Ltd.

- Maintained chiller operating temperatures within the optimal range of 7°C to 9°C to ensure efficient cooling performance and effective temperature control within the terminal building.
- Implemented automated lighting controls, with landside streetlights operating on timer-based schedules aligned with daylight availability to optimize energy consumption.
- Conducted continuous awareness and sensitization programs for employees, along with regular follow-ups, to strengthen environmental sustainability practices across the Airport.
- Ensured timely preventive maintenance of AHU filters, cooling coils, chillers, and cooling towers, supported by regular monitoring to maintain operational efficiency and optimize energy performance.
- Installed Sun Control Film on the Terminal 1 airside glass facade to reduce heat gain and lower air conditioning energy consumption.
- Completed the installation of an EC (Electronically Commutated) Blower at the cooling tower of Terminal 1 to improve energy efficiency and enhance overall system performance.

Water Conservation:

- As part of water conservation, sensor-based water taps have been under installation in all the washrooms of the Terminal building at GIAL.
- A 100 KLD sewage treatment plant (STP) (**Moving Bed Biofilm Reactor**) at Terminal 1 & 1000 KLD Sewage Treatment Plant (STP) (**Membrane Bio Reactor**) at NITB has been installed and operated at GIAL Terminal 1 & NITB respectively for treating and handling the domestic sewage generated from airport premises.
- The treated wastewater generated from the STP is utilized for gardening and horticulture activity, within GIAL premises to conserve freshwater consumption.

Air Management:

- Ambient Air Quality Monitoring is being carried out by MoEF&CC & NABL accredited laboratory, and all the results are observed to be within Stipulated Standards.
- Environment Monitoring for D.G Stack Flue Gas Emissions is carried out by MoEF&CC and NABL accredited laboratories.
- Saplings have been put in the terminal to improve the indoor Air quality.
- Several measures are taken for abatement of dust like Regular cleaning of roads, Trucks carrying soil & other building materials are covered properly.

Environment Statement for 2025-26 for M/s Guwahati International Airport Ltd.

Noise management:

Several measures are taken for abatement of noise emissions:

- D.G. Set having acoustic enclosures.
- Continuous Ambient Noise monitoring is being carried out by MoEF&CC & NABL accredited laboratory, and all the results are observed to be within Stipulated Standards.

PART – H

Additional measures /investment/ proposal for environmental protection including abatement of pollution, prevention of pollution.

- Non-destructive Wildlife Hazard Management techniques are being practiced at GIAL as parts such as organic chemical spray to control weeds & grass.
- Airside inspection is practiced at regular intervals and accordingly the wild animals such as Jackals etc. are relocated to safer areas (forest areas) to protect them from any accidents.
- GIAL has developed & maintained an adequate Green Belt Area and developed a closed nursery at the airport site.

PART – I

Any other particulars for improving the quality of environment:

- Monitoring of environmental parameters such as Air, Noise, wastewater, and soil quality is being done regularly through MoEF & NABL recognized laboratory.
- GIAL Budget for environmental management measures for the FY 2025-26 of **INR 6.266 Cr** was spent. Enclosed as Annexure- 6.

Date :

(Signature of a person carrying out an industry, operation or process)

Designation: **Chief Airport Officer**
Mr. Rahul Bhatkoti

Address: Lokpriya Gopinath Bordoloi International Airport
Borjhar, Guwahati.

ANNEXURE – 4, 5
Details of Waste Management of GIAL, Guwahati

Sr. No.	Waste Description	Disposal Method	Unit	Quantity FY 2024-25	Quantity FY 2025-26
Non Hazardous					
1.	Dry Waste (Recyclable Waste-Metal, Wood, paper, plastic etc.)	As per Solid Waste Rules, 2016 amended till date.	Kg	Annexure 4	Annexure 5
2.	RDF (non-recyclable)				
3.	Organic Waste				
4.	COVID Waste				
Others					
1	Battery waste	Auctioned & then Recycled (send to reg. recycler)	MT	0.936	0

ANNEXURE – 6
Cost of Environmental Protection Measures of GIAL, Guwahati
April 25 – March 26

Activity	Cost incurred (INR in Cr)
1) Air & Noise Management	3.9
2) Waste Management	0.38
3) Water Management	0.343
4) Green Area Development	0.5
5) Energy Management	0.15
6) Others	0.993
Total	**6.266**